

Amended Claims

Please replace the Claims with the currently amended set:
Claims 1-26 (canceled)

27. (currently amended) An isolated polynucleotide comprising:
(a) a nucleotide sequence encoding a leuD subunit of an enzyme
polypeptide-having 3-isopropylmalate dehydratase activity, wherein the
nucleotide sequence and SEQ ID NO:46 have at least 80% sequence
identity based on the Clustal[[er]] alignment method, or
(b) the complement of the nucleotide sequence (a), wherein the
complement and the nucleotide sequence are 100% complementary.

28. (previously presented) The polynucleotide of Claim 27 wherein the
sequence identity is at least 90%.

29. (previously presented) The polynucleotide of Claim 27 wherein the
sequence identity is at least 95%.

30. (previously presented) The polynucleotide of Claim 27 wherein the
polypeptide comprises the amino acid sequence of SEQ ID NO:47.

31. (previously presented) The polynucleotide of claim 27 wherein the
nucleotide sequence comprises the nucleotide sequence of SEQ ID NO:46.

32. (previously presented) A vector comprising the polynucleotide of Claim 27.

33. (previously presented) A recombinant DNA construct comprising the
polynucleotide of Claim 27 operably linked to a regulatory sequence.

34. (previously presented) A method for transforming a cell comprising
transforming a cell with the polynucleotide of Claim 27.

35. (previously presented) A cell comprising the recombinant DNA construct of
Claim 33.

36-39. (canceled)

40. (previously presented) A method for isolating a polypeptide encoded by
the polynucleotide of Claim 27 comprising isolating the polypeptide from a cell
containing a recombinant DNA construct comprising the polynucleotide operably
linked to a regulatory sequence.